

6 REFERÊNCIAS BIBLIOGRÁFICAS

- AGARWAL, A. K.; BIJWE, J.; DAS, L. M. Effect of biodiesel utilization of wear of vital parts in compression ignition engine. **Journal of Engineering for Gas Turbines and Power-Transactions of the Asme**, v. 125, n. 2, p. 604-611, 2003. ISSN 0742-4795. Disponível em: < [Go to ISI](#)>://WOS:000182886000027 >.
- ARDELT, D. et al. ICP-OES analysis of organic samples. **American Laboratory**, v. 36, n. 7, p. 16-+, 2004. ISSN 0044-7749. Disponível em: < [Go to ISI](#)>://WOS:000220291900003 >.
- ARRUDA, M. A. Z.; SANTELLI, R. E. Mechanisation in sample preparation by microwaves: The state-of-the-art. **Química Nova**, v. 20, n. 6, p. 638-643, 1997. ISSN 0100-4042. Disponível em: < [Go to ISI](#)>://WOS:A1997YH80900011 >.
- AUCELIO, R. Q. et al. The determination of trace metals in lubricating oils by atomic spectrometry. **Spectrochimica Acta Part B-Atomic Spectroscopy**, v. 62, n. 9, p. 952-961, 2007. ISSN 0584-8547. Disponível em: < [Go to ISI](#)>://WOS:000250181900011 >.
- BANDURA, D. R.; BARANOV, V. I.; TANNER, S. D. Reaction chemistry and collisional processes in multipole devices for resolving isobaric interferences in ICP-MS. **Fresenius Journal of Analytical Chemistry**, v. 370, n. 5, p. 454-470, Jul 2001. ISSN 0937-0633. Disponível em: < [Go to ISI](#)>://000170115200003 >.
- BEAUCHEMIN, D. Inductively coupled plasma mass spectrometry. **Analytical Chemistry**, v. 76, n. 12, p. 3395-3415, Jun 2004. ISSN 0003-2700. Disponível em: < [Go to ISI](#)>://0002201100011 >.
- BOTTO, R. I. MATRIX INTERFERENCES IN THE ANALYSIS OF ORGANIC SOLUTIONS BY INDUCTIVELY COUPLED PLASMA-ATOMIC EMISSION-SPECTROMETRY. **Spectrochimica Acta Part B-Atomic Spectroscopy**, v. 42, n. 1-2, p. 181-199, 1987. ISSN 0584-8547. Disponível em: < [Go to ISI](#)>://WOS:A1987G398000017 >.
- CROWLEY, T. J. Causes of climate change over the past 1000 years. **Science**, v. 289, n. 5477, p. 270-277, 2000. ISSN 0036-8075. Disponível em: < [Go to ISI](#)>://WOS:000088169400034 >.
- DENOYER, E. R. OPTIMIZATION OF TRANSIENT SIGNAL MEASUREMENTS IN ICP-MS. **Atomic Spectroscopy**, v. 15, n. 1, p. 7-16, 1994. ISSN 0195-5373. Disponível em: < [Go to ISI](#)>://WOS:A1994NE37700002 >.
- DENOYER, E. R.; TANNER, S. D.; VOELLKOPF, U. A new dynamic reaction cell for reducing ICP-MS interferences using chemical resolution. **Spectroscopy**, v. 14, n. 2, p. 43-+, Feb 1999. ISSN 0887-6703. Disponível em: < [Go to ISI](#)>://000078626100005 >.

DOS SANTOS, E. J. et al. Simultaneous determination of Ca, P, Mg, K and Na in biodiesel by axial view inductively coupled plasma optical emission spectrometry with internal standardization after multivariate optimization. **Journal of Analytical Atomic Spectrometry**, v. 22, p. 1300-1303, 2007. ISSN 0267-9477. Disponível em: < <Go to ISI>://WOS:000249925600020 >.

DUYCK, C. et al. The determination of trace elements in crude oil and its heavy fractions by atomic spectrometry. **Spectrochimica Acta Part B-Atomic Spectroscopy**, v. 62, n. 9, p. 939-951, 2007. ISSN 0584-8547. Disponível em: < <Go to ISI>://WOS:000250181900010 >.

EDLUND, M.; VISSER, H.; HEITLAND, P. Analysis of biodiesel by argon-oxygen mixed-gas inductively coupled plasma optical emission spectrometry. **Journal of Analytical Atomic Spectrometry**, v. 17, n. 3, p. 232-235, 2002. ISSN 0267-9477. Disponível em: < <Go to ISI>://WOS:000174380800010 >.

ERICKSON, B. Standardizing the world with microwaves. **Analytical Chemistry**, v. 70, n. 13, p. 467A-471A, 1998. ISSN 0003-2700. Disponível em: < <Go to ISI>://WOS:000074584700028 >.

FERNANDO, L. A. FIGURES OF MERIT FOR AN ICP-ECHELLE SPECTROMETER SYSTEM. **Spectrochimica Acta Part B-Atomic Spectroscopy**, v. 37, n. 10, p. 859-868, 1982. ISSN 0584-8547. Disponível em: < <Go to ISI>://WOS:A1982PT08500003 >.

FERREIRA, S. L. C. et al. Statistical designs and response surface techniques for the optimization of chromatographic systems. **Journal of Chromatography A**, v. 1158, n. 1-2, p. 2-14, Jul 2007. ISSN 0021-9673. Disponível em: < <Go to ISI>://000248418500002 >.

FRASER, M. M.; BEAUCHEMIN, D. Effect of concomitant elements on the distribution of ions in inductively coupled plasma mass spectrometry - part 2: polyatomic ions. **Spectrochimica Acta Part B-Atomic Spectroscopy**, v. 56, n. 12, p. 2479-2495, Dec 2001. ISSN 0584-8547. Disponível em: < <Go to ISI>://000173118900012 >.

GAUL, E. W. et al. Production and characterization of a fully ionized He plasma channel. **Applied Physics Letters**, v. 77, n. 25, p. 4112-4114, 2000. ISSN 0003-6951. Disponível em: < <Go to ISI>://WOS:000165824200011 >.

GINÉ-ROSIAS, M. F. **Espectrometria de emissão atômica – Plasma indutivamente acoplado – ICP AES**. São Paulo: Ed. CPG/CENA, 1998.

GINÉ-ROSIAS, M. F. **Espectrometria de massas com fonte de plasma**. São Paulo: Ed. CPG/CENA, 1999.

KISHI, Y. et al. Reduction of carbon-based interferences in organic compound analysis by dynamic reaction cell ICP MS. **Spectroscopy**, v. 19, n. 9, p. 14-+, Sep 2004. ISSN 0887-6703. Disponível em: < <Go to ISI>://000224120000001 >.

KORN, M. D. A. et al. Atomic spectrometric methods for the determination of metals and metalloids in automotive fuels - A review. **Talanta**, v. 73, p. 1-11, 2007. ISSN 0039-9140. Disponível em: < <Go to ISI>://WOS:000249174700001 >.

LYRA, F. H. et al. Determination of Na, K, Ca and Mg in biodiesel samples by flame atomic absorption spectrometry (F AAS) using microemulsion as sample preparation.

Microchemical Journal, v. 96, n. 1, p. 180-185, 2010. ISSN 0026-265X. Disponível em: < <Go to ISI>://WOS:000279163200033 >.

MAY, T. W.; WIEDMEYER, R. H. A table of polyatomic interferences in ICP-MS. **Atomic Spectroscopy**, v. 19, n. 5, p. 150-155, 1998. ISSN 0195-5373. Disponível em: < <Go to ISI>://WOS:000077102500002 >.

MERMET, J. M.; POUSSEL, E. ICP EMISSION SPECTROMETERS - 1995 ANALYTICAL FIGURES OF MERIT. **Applied Spectroscopy**, v. 49, n. 10, p. A12-A18, 1995. ISSN 0003-7028. Disponível em: < <Go to ISI>://WOS:A1995TD15400002 >.

MITCHELL, J. F. B. THE GREENHOUSE-EFFECT AND CLIMATE CHANGE. **Reviews of Geophysics**, v. 27, n. 1, p. 115-139, 1989. ISSN 8755-1209. Disponível em: < <Go to ISI>://WOS:A1989AA60100006 >.

MONTASER, A.; GOLIGHTLY, D. W. **Inductively coupled plasma in analytical atomic spectroscopy**. New York, United States. Ed. VCH. 1992.

MONTASER, A. **Inductively coupled plasma mass spectrometry**. New York, United States. Ed. Wiley. 1998.

MONTEIRO, M. R. et al. Critical review on analytical methods for biodiesel characterization. **Talanta**, v. 77, n. 2, p. 593-605, 2008. ISSN 0039-9140. Disponível em: < <Go to ISI>://WOS:000261416500026 >.

MOURA, F. A. L. **Avaliação da decomposição ácida de amostras de piche assistida por radiação de microondas e determinação de metais por ICP OES**. 92f. Dissertação (Mestrado em Química) – Universidade Federal Fluminense, Niterói, Rio de Janeiro, 2006.

NETO, B. D. B.; SCARMINIO, I. S.; BRUNS, R. E. 25 years of chemometrics in Brazil. **Quimica Nova**, v. 29, n. 6, p. 1401-1406, Nov-Dec 2006. ISSN 0100-4042. Disponível em: < <Go to ISI>://WOS:000242341600042 >.

OLESIK, J. W. Fundamental research in ICP-OES and ICPMS. **Analytical Chemistry**, v. 68, n. 15, p. A469-A474, 1996. ISSN 0003-2700. Disponível em: < <Go to ISI>://WOS:A1996VA00300005 >.

PINTO, A. C. et al. Biodiesel: An overview. **Journal of the Brazilian Chemical Society**, v. 16, n. 6B, p. 1313-1330, 2005. ISSN 0103-5053. Disponível em: < <Go to ISI>://WOS:000234078700003 >.

RICHTER, R. C.; LINK, D.; KINGSTON, H. M. Microwave-enhanced chemistry. **Analytical Chemistry**, v. 73, n. 1, p. 30A-37A, 2001. ISSN 0003-2700. Disponível em: < <Go to ISI>://WOS:000166262500006 >.

SCHNEIDER, S. H. THE GREENHOUSE-EFFECT - SCIENCE AND POLICY. **Science**, v. 243, n. 4892, p. 771-781, 1989. ISSN 0036-8075. Disponível em: < <Go to ISI>://WOS:A1989T160400030 >.

- SOUZA, R. M.; DA SILVEIRA, C. L. P.; AUCELIO, R. Q. Determination of refractory elements in used lubricating oil by ICPOES employing emulsified sample introduction and calibration with inorganic standards. **Analytical Sciences**, v. 20, n. 2, p. 351-355, 2004. ISSN 0910-6340. Disponível em: < <Go to ISI>://WOS:000220500200020 >.
- SOUZA, R. M. **Determinação de elementos refratários em óleo lubrificante usado e em óleo combustível por ICP OES após emulsificação da amostra**, 130f. Dissertação (Mestrado em Química) – Pontifícia Universidade Católica do Rio de Janeiro, 2003.
- SOUZA, R. M. **Desenvolvimento de método analítico para determinação de elementos-traço em amostras oleosas e pastosas por ICP OES e ICP-MS**. 187f. Tese (Doutorado em Química) – Pontifícia Universidade Católica do Rio de Janeiro, Rio de Janeiro, 2007.
- SKOOG, D. A. **Fundamentos de química analítica**. Barcelona, Espanha. Ed. Reverte. 1974.
- TODOLI, J. L.; HERNANDIS, V. Comparison of characteristics and limits of detection of pneumatic micronebulizers and a conventional nebulizer operating at low uptake rates in ICP-AES - Invited lecture. **Journal of Analytical Atomic Spectrometry**, v. 14, n. 9, p. 1289-1295, 1999. ISSN 0267-9477. Disponível em: < <Go to ISI>://WOS:000083077900001 >.
- TODOLI, J. L.; MERMET, J. M. Influence of the spray chamber design for vapor-based liquid sample introduction at room temperature in ICP-AES. **Journal of Analytical Atomic Spectrometry**, v. 17, n. 3, p. 211-218, 2002. ISSN 0267-9477. Disponível em: < <Go to ISI>://WOS:000174380800007 >.
- TREVIZAN, L. C.; NOBREGA, J. A. Inductively coupled plasma optical emission Spectrometry with axially viewed configuration: an overview of applications. **Journal of the Brazilian Chemical Society**, v. 18, n. 4, p. 678-690, 2007. ISSN 0103-5053. Disponível em: < <Go to ISI>://WOS:000249204300003 >.
- VIEIRA, M. A. et al. Determination of As in Vegetable Oil and Biodiesel by Graphite Furnace Atomic Absorption Spectrometry. **Energy & Fuels**, v. 23, p. 5942-5946, 2009. ISSN 0887-0624. Disponível em: < <Go to ISI>://WOS:000272700300024 >.
- WELZ, B. et al. Determination of phosphorus, sulfur and the halogens using high-temperature molecular absorption spectrometry in flames and furnaces-A review. **Analytica Chimica Acta**, v. 647, n. 2, p. 137-148, 2009. ISSN 0003-2670. Disponível em: < <Go to ISI>://WOS:000268352900002 >.
- WONG, M. K.; GU, W.; NG, T. L. Sample preparation using microwave assisted digestion or extraction techniques. **Analytical Sciences**, v. 13, p. 97-102, 1997. ISSN 0910-6340. Disponível em: < <Go to ISI>://WOS:000072576400027 >.
- WOODS, G. D.; FRYER, F. I. Direct elemental analysis of biodiesel by inductively coupled plasma-mass spectrometry. **Analytical and Bioanalytical Chemistry**, v. 389, p. 753-761, 2007. ISSN 1618-2642. Disponível em: < <Go to ISI>://WOS:000249645800011 >.
- ZIMMERMANN, J.; ZEUG, A.; RODER, B. A generalization of the Jablonski diagram to account for polarization and anisotropy effects in time-resolved experiments. **Physical Chemistry Chemical Physics**, v. 5, n. 14, p. 2964-2969, 2003. ISSN 1463-9076. Disponível em: < <Go to ISI>://WOS:000183914900009 >.